

Network Data Bus

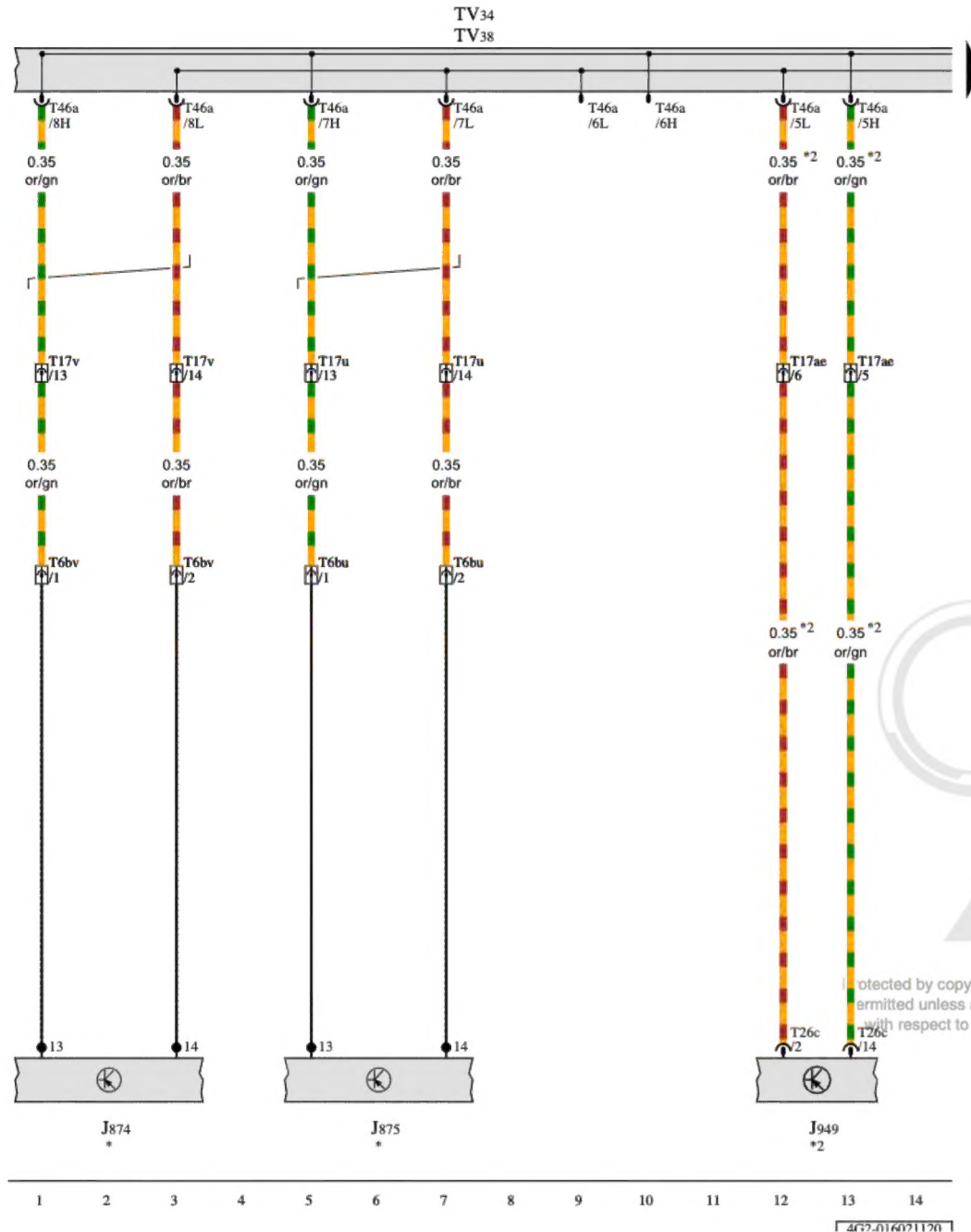
From January 2011

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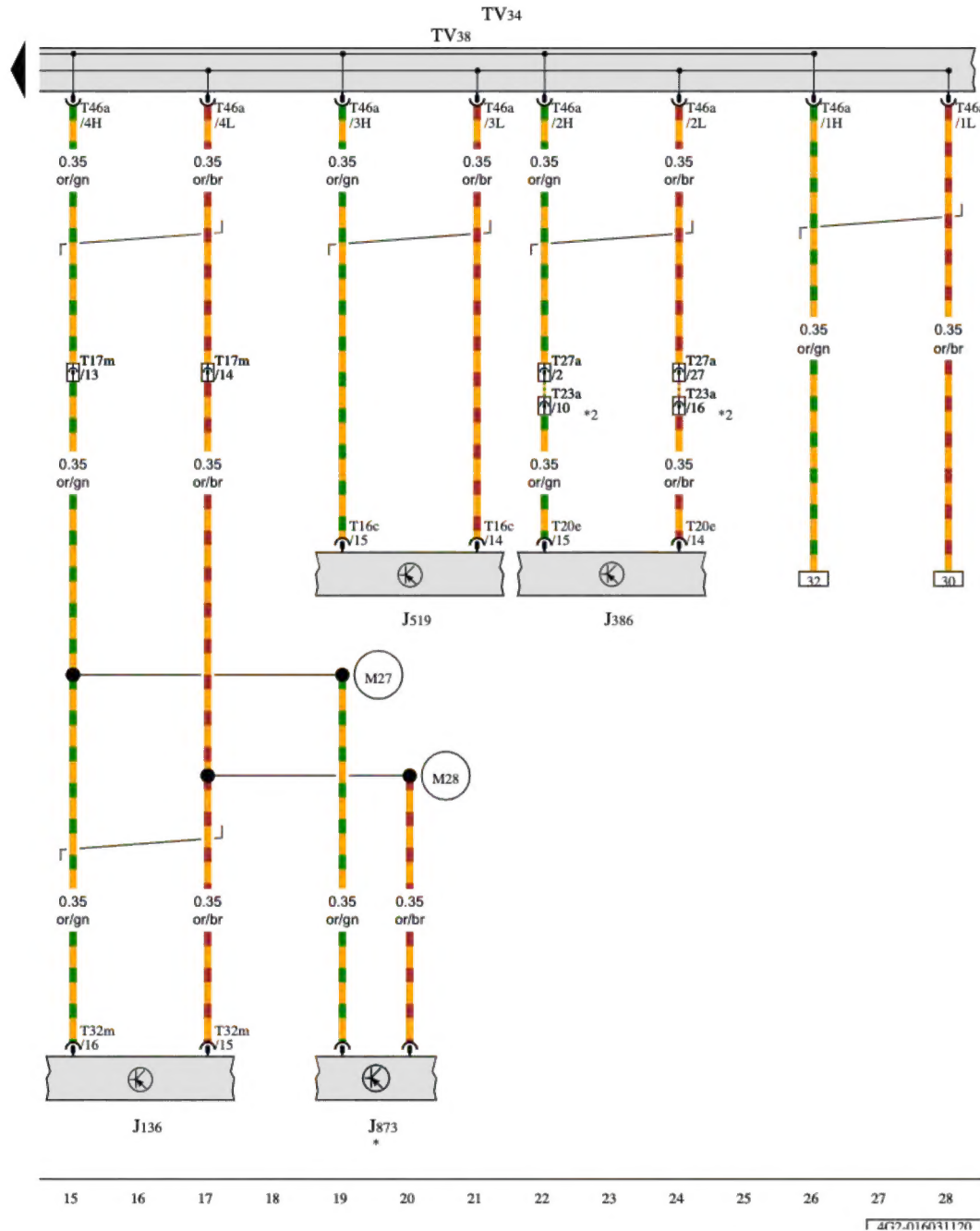
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Comfort System CAN Bus Low Wire Junction



- J874 Passenger Side Rear Multi-Contour Seat Control Module
- J875 Driver Side Rear Multi-Contour Seat Control Module
- J949 Control Module for Emergency Call Module and Communication Unit
- T6bu 6-Pin Connector, Under the Left Rear Seat
- T6bv 6-Pin Connector, Under the Right Rear Seat
- T17ae 17-Pin Connector, Near the A-Pillar, Green
- T17u 17-Pin Connector, Under the Left Rear Seat
- T17v 17-Pin Connector, Under the Right Rear Seat
- T26c 26-Pin Connector, Black
- T46a 46-Pin Connector
- TV34 Comfort System CAN Bus High Wire Junction
- TV38 Comfort System CAN Bus Low Wire Junction
- * For Vehicles with a Long Wheelbase
- *2 For Vehicles with Emergency Call Module

ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = lilac
vi = lilac
ge = yellow
or = orange
rs = pink



Comfort System CAN Bus Low Wire Junction

- J136 Memory Seat/Steering Column Adjustment Control Module
- J386 Driver Door Control Module
- J519 Vehicle Electrical System Control Module
- J873 Driver Multi-Contour Seat Control Module
- T16c 16-Pin Connector
- T17m 17-Pin Connector, In the Coupling Point for the Left Front Seat
- T20e 20-Pin Connector
- T23a 23-Pin Connector, On the Left A-Pillar
- T27a 27-Pin Connector, On the Left A-Pillar
- T32m 32-Pin Connector
- T46a 46-Pin Connector
- TV34 Comfort System CAN Bus High Wire Junction
- TV38 Comfort System CAN Bus Low Wire Junction
- M27 Comfort System CAN Bus High Connection (in Driver Seat Adjustment Wiring Harness)
- M28 Comfort System CAN Bus Low Connection (in Driver Seat Adjustment Wiring Harness)
- * Refer to Applicable Wiring Diagram
- *2 From June 2011



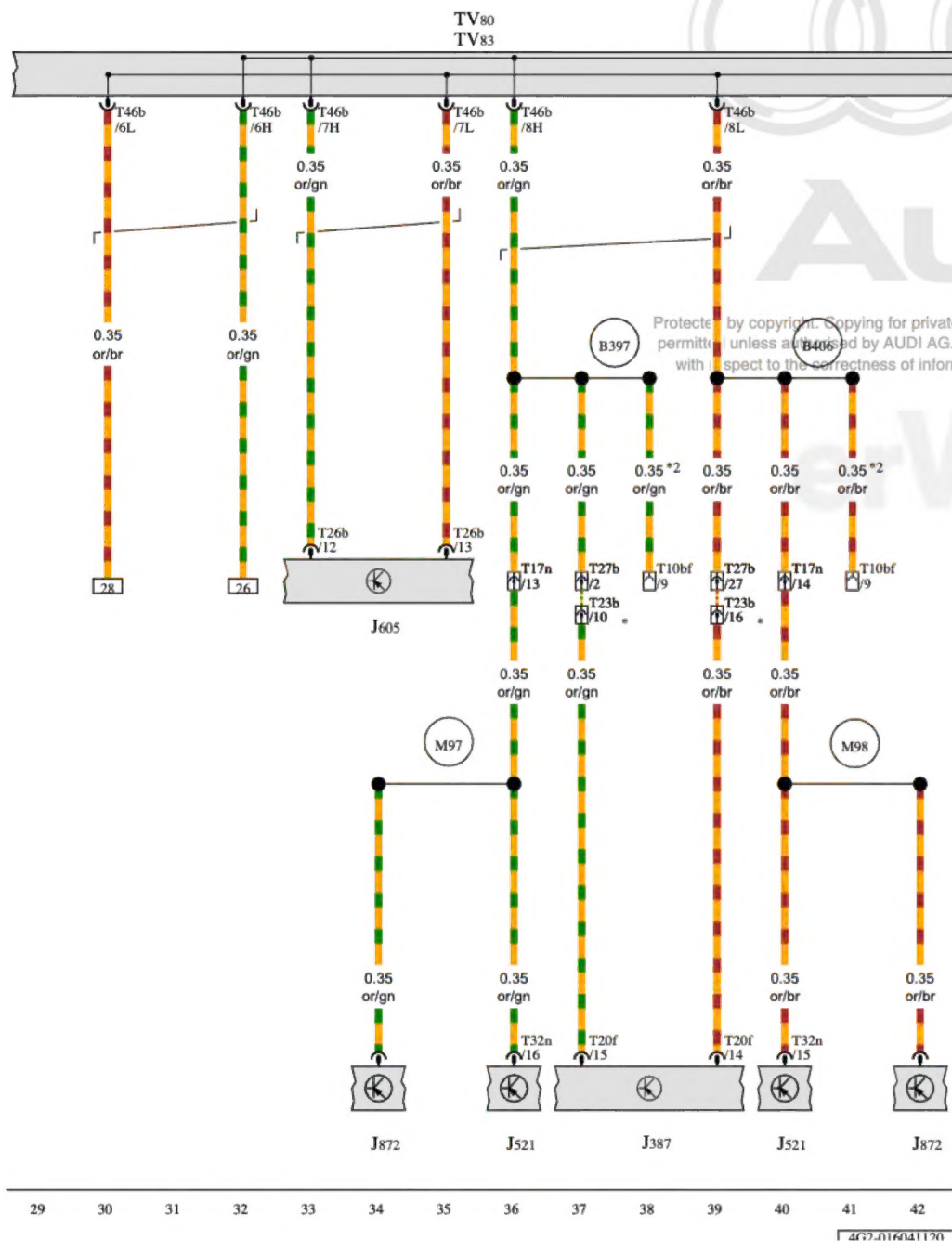
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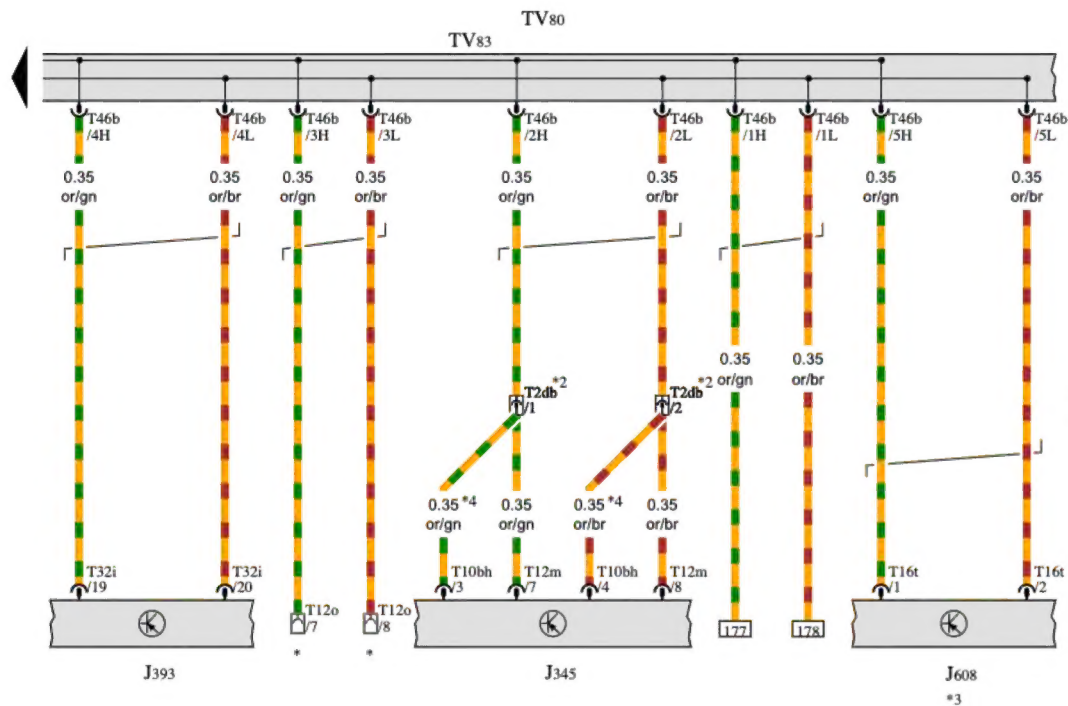
Comfort System CAN Bus Low Wire Junction 2

- J387 Front Passenger Door Control Module
- J521 Front Passenger Memory Seat Control Module
- J605 Rear Lid Control Module
- J872 Front Passenger Multi-Contour Seat Control Module
- T10bf 10-Pin Connector, In the Instrument Panel, Left
- T17n 17-Pin Connector, In the Coupling Point for the Right Front Seat
- T20f 20-Pin Connector
- T23b 23-Pin Connector, On the Right A-Pillar
- T26b 26-Pin Connector
- T27b 27-Pin Connector, On the Right A-Pillar
- T32n 32-Pin Connector
- T46b 46-Pin Connector
- TV80 Comfort System CAN Bus High Wire Junction 2
- TV83 Comfort System CAN Bus Low Wire Junction 2

- B397 Comfort System CAN Bus High Connection 1 (in Main Wiring Harness)
- B406 Comfort System CAN Bus Low Connection 1 (in Main Wiring Harness)
- M97 Comfort System CAN Bus High Connection (in Front Passenger Seat Adjustment Wiring Harness)
- M98 Comfort System CAN Bus Low Connection (in Front Passenger Seat Adjustment Wiring Harness)
- * From June 2011
- *2 From June 2014



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Comfort System CAN Bus Low Wire Junction 2

- J345 Towing Recognition Control Module
- J393 Comfort System Central Control Module
- J608 Special Purpose Vehicle Control Module
- T2db 2-Pin Connector, In the Luggage Compartment, Right
- T10bh 10-Pin Connector
- T12m 12-Pin Connector
- T12o 12-Pin Connector, In the Luggage Compartment, Right
- T16t 16-Pin Connector
- T32i 32-Pin Connector
- T46b 46-Pin Connector
- TV80 Comfort System CAN Bus High Wire Junction 2
- TV83 Comfort System CAN Bus Low Wire Junction 2
- * For Vehicles with Special Functions Interface
- *2 For Vehicles with Trailer Setup
- *3 Refer to Applicable Special Purpose Vehicle Wiring Diagram
- *4 From June 2014

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Powertrain CAN Bus Low Wire Junction

- J104 ABS Control Module
- J217 Transmission Control Module
- J527 Steering Column Electronics Control Module
- J623 Engine/Motor Control Module
- T14t 14-Pin Connector
- T16e 16-Pin Connector
- T17a 17-Pin Connector, Left Plenum Chamber E-Box Connector Station
- T17i 17-Pin Connector, Near the A-Pillar
- T38a 38-Pin Connector
- T46a 46-Pin Connector
- TV33 Powertrain CAN Bus High Wire Junction
- TV37 Powertrain CAN Bus Low Wire Junction
- T47 47-Pin Connector

E93 CAN Bus High Connection 1 (in Engine Wiring Harness)

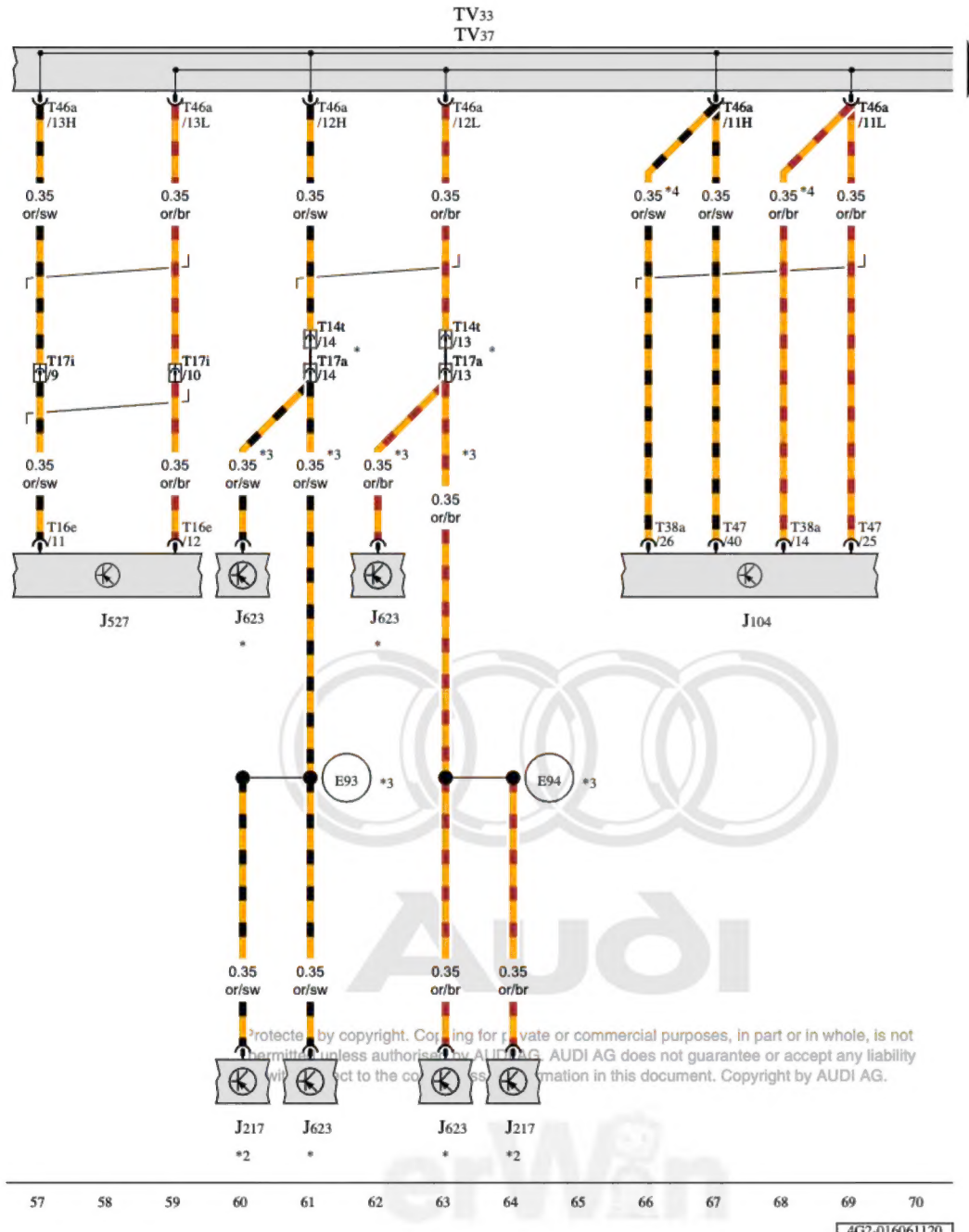
E94 CAN Bus Low Connection 1 (in Engine Wiring Harness)

* Refer to Applicable Engine Wiring Diagram

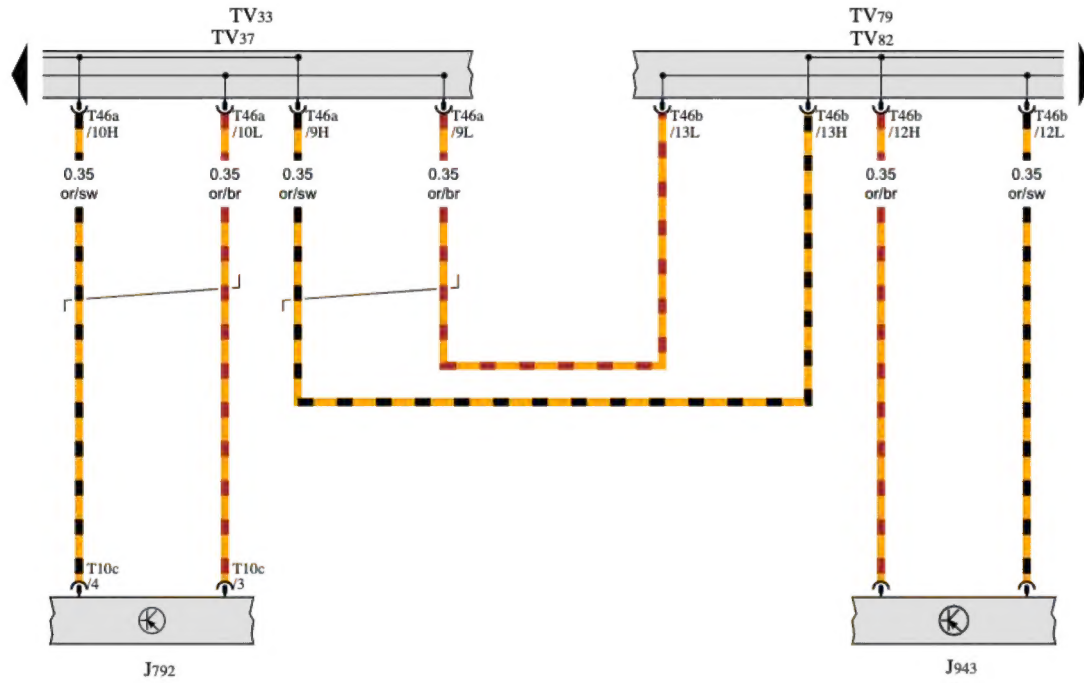
*2 Refer to Applicable Wiring Diagram for Automatic Transmission

*3 Depending on Equipment

*4 From June 2014



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Engine Sound Generator Control Module, Powertrain CAN Bus Low Wire Junction, Powertrain CAN Bus Low Wire Junction 2

- AX1 Hybrid Battery Unit
- J792 Active Steering Control Module
- J943 Engine Sound Generator Control Module
- T10c 10-Pin Connector
- T46a 46-Pin Connector
- T46b 46-Pin Connector
- TV33 Powertrain CAN Bus High Wire Junction
- TV37 Powertrain CAN Bus Low Wire Junction
- TV79 Powertrain CAN Bus High Wire Junction 2
- TV82 Powertrain CAN Bus Low Wire Junction 2
- * Refer to Applicable Wiring Diagram
- *2 For Vehicles with Hybrid Drive
- *3 Refer to Applicable High-Voltage System Wiring Diagram
- *4 Through October 2016

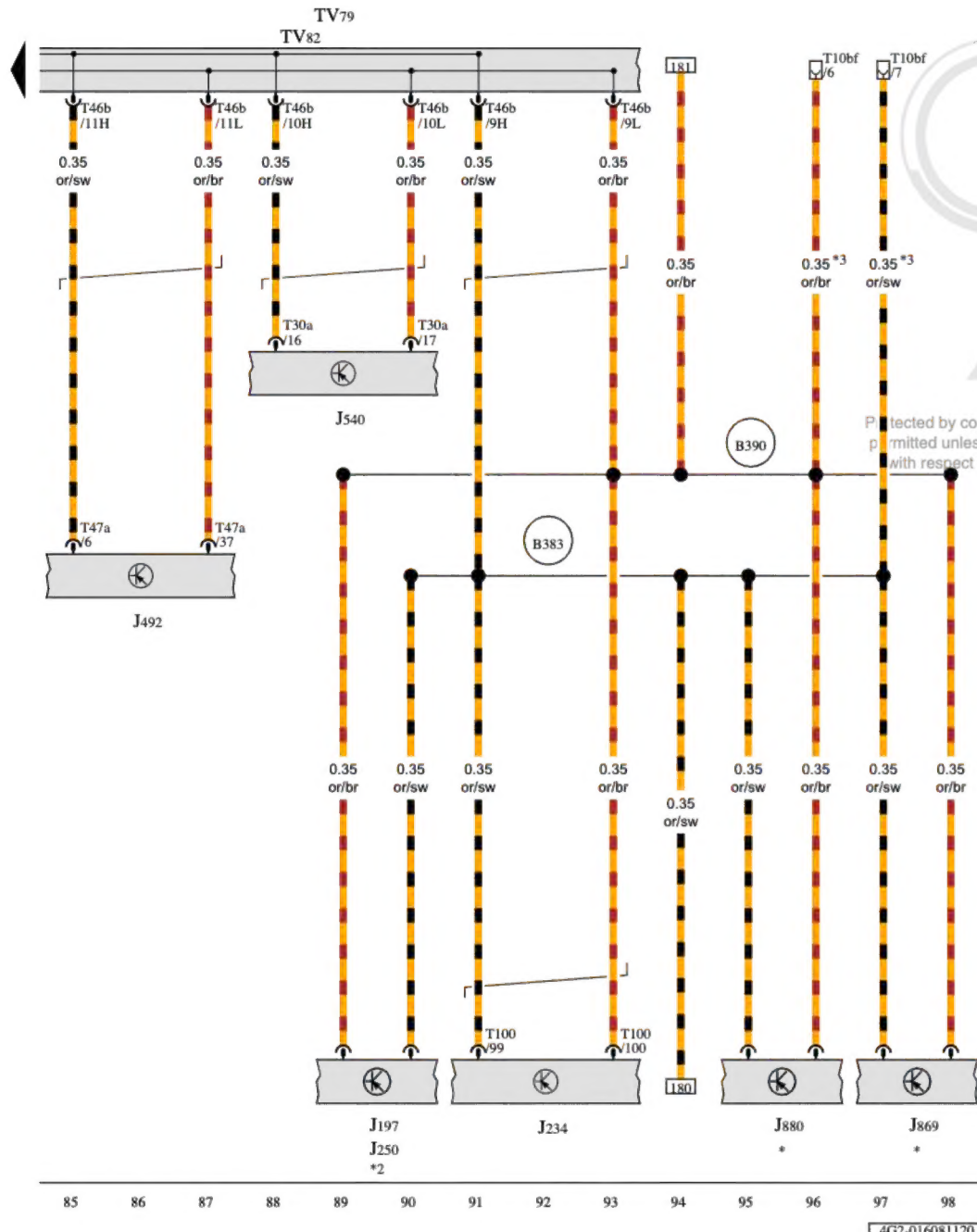


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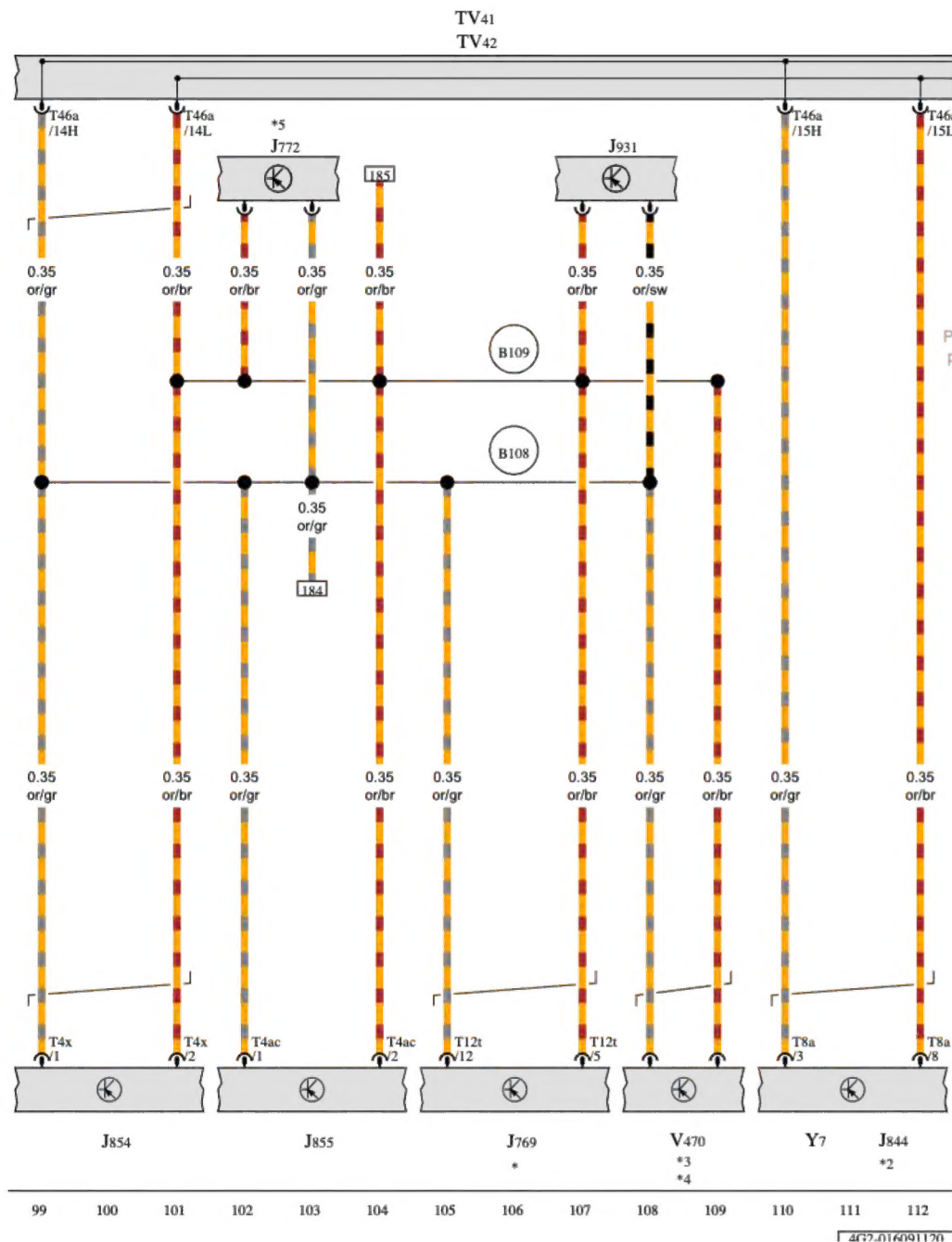
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Powertrain CAN Bus Low Wire Junction 2



- J197 Level Control System Control Module
- J234 Airbag Control Module
- J250 Electronic Damping Control Module
- J492 All-Wheel Drive Control Module
- J540 Electromechanical Parking Brake Control Module
- J869 Structure-Borne Sound Control Module
- J880 Reducing Agent Metering System Control Module
- T10bf 10-Pin Connector, In the Instrument Panel, Left
- T30a 30-Pin Connector
- T46b 46-Pin Connector
- T47a 47-Pin Connector
- TV79 Powertrain CAN Bus High Wire Junction 2
- TV82 Powertrain CAN Bus Low Wire Junction 2
- T100 100-Pin Connector
- (B383) Powertrain CAN Bus High Connection 1 (in Main Wiring Harness)
- (B390) Powertrain CAN Bus Low Connection 1 (in Main Wiring Harness)
- * Refer to Applicable Engine Wiring Diagram
- *2 Depending on Equipment
- *3 From June 2014

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Extended CAN Bus Low Wire Junction

- J769 Lane Change Assistance Control Module
- J772 Rearview Camera System Control Module
- J844 Automatic High Beam Assist Control Module
- J854 Left Front Seat Belt Tensioner Control Module
- J855 Right Front Seat Belt Tensioner Control Module
- J931 Assembly Mount Control Module
- T4ac 4-Pin Connector
- T4x 4-Pin Connector
- T8a 8-Pin Connector
- T12t 12-Pin Connector
- T46a 46-Pin Connector
- TV41 Extended CAN Bus High Wire Junction
- TV42 Extended CAN Bus Low Wire Junction
- V470 Electrical A/C Compressor
- Y7 Automatic Dimming Interior Rearview Mirror

B108 CAN Bus Extended High Connection 1 (in Main Wiring Harness)

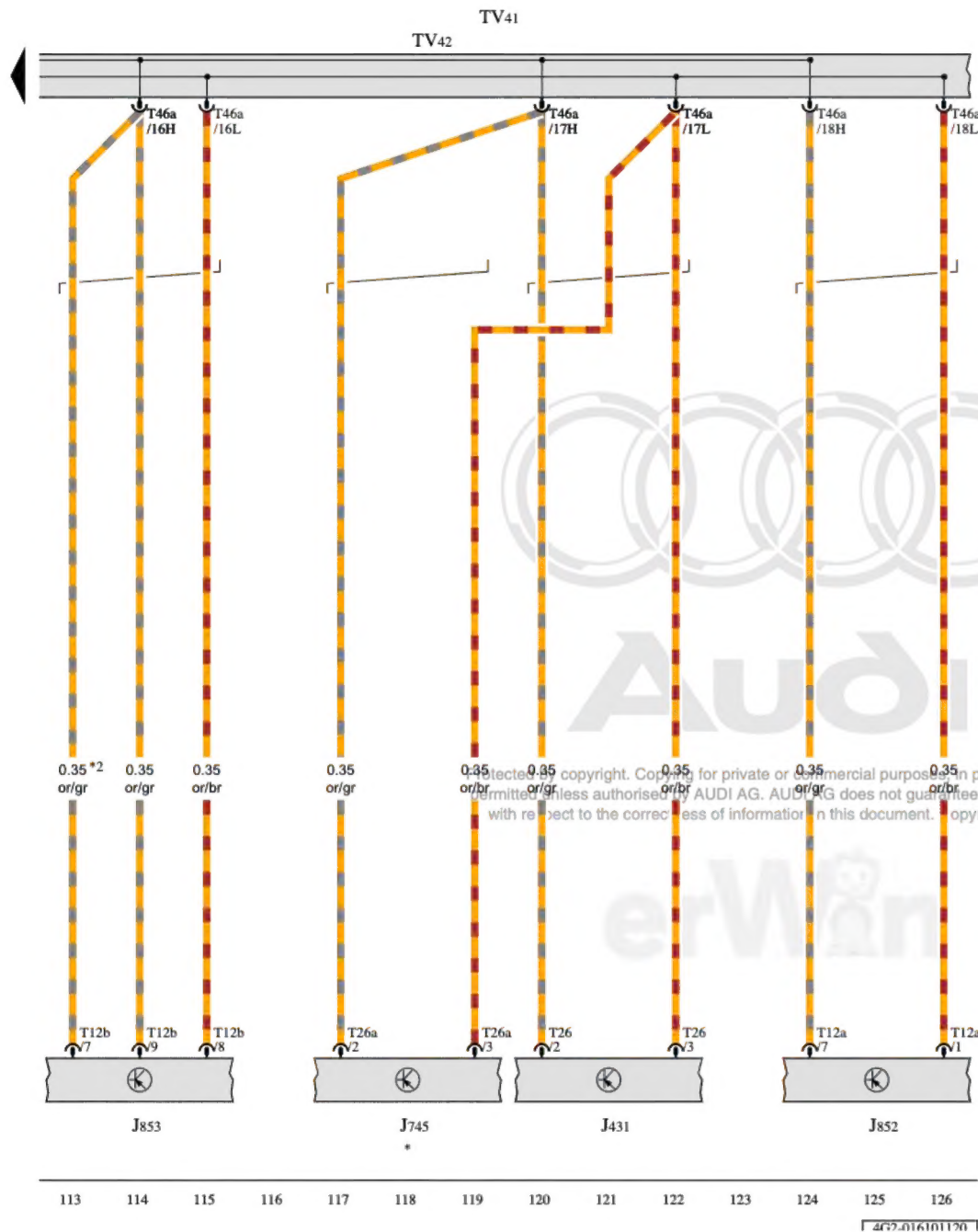
B109 CAN Bus Extended Low Connection 1 (in Main Wiring Harness)

- * For Vehicles with Lane Change Assistance
- *2 For Vehicles with High Beam Assist
- *3 For Vehicles with Hybrid Drive
- *4 Refer to Applicable High-Voltage System Wiring Diagram
- *5 From June 2015

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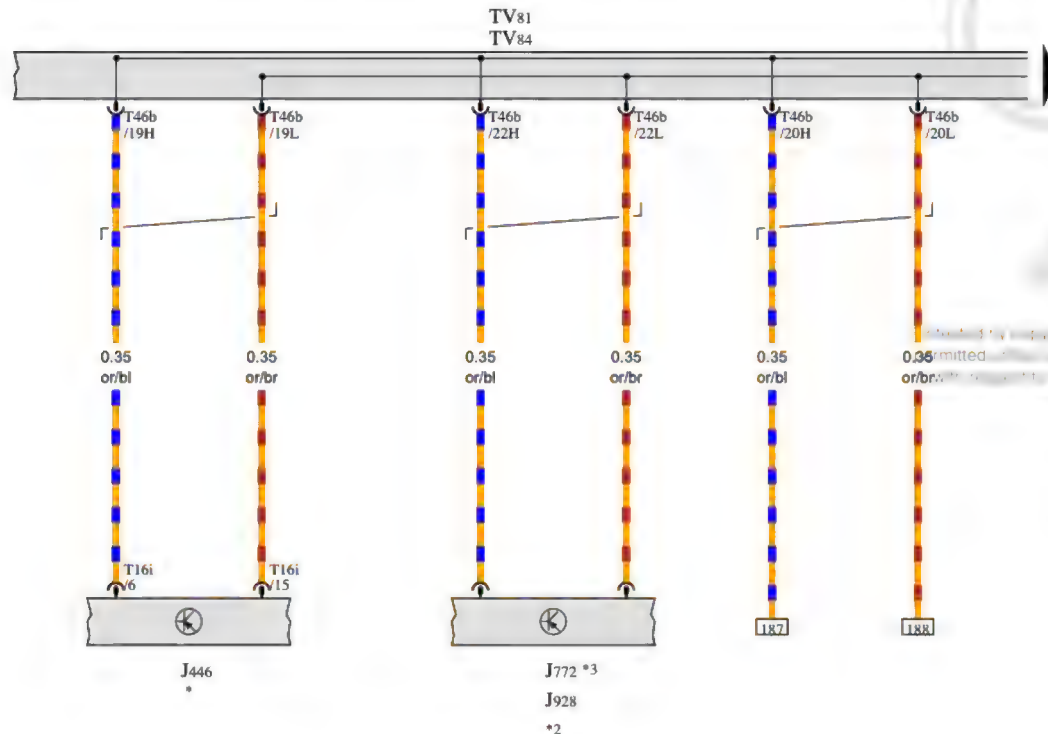
Extended CAN Bus Low Wire Junction

- J431 Headlamp Range Control Module
- J745 Cornering Lamp and Headlamp Range Control Module
- J852 Camera Control Module
- J853 Night Vision System Control Module
- T12a 12-Pin Connector
- T12b 12-Pin Connector
- T26 26-Pin Connector
- T26a 26-Pin Connector
- T46a 46-Pin Connector
- TV41 Extended CAN Bus High Wire Junction
- TV42 Extended CAN Bus Low Wire Junction
- * For Vehicles with Dynamic Cornering Lamp
- *2 For Driver Assistance System



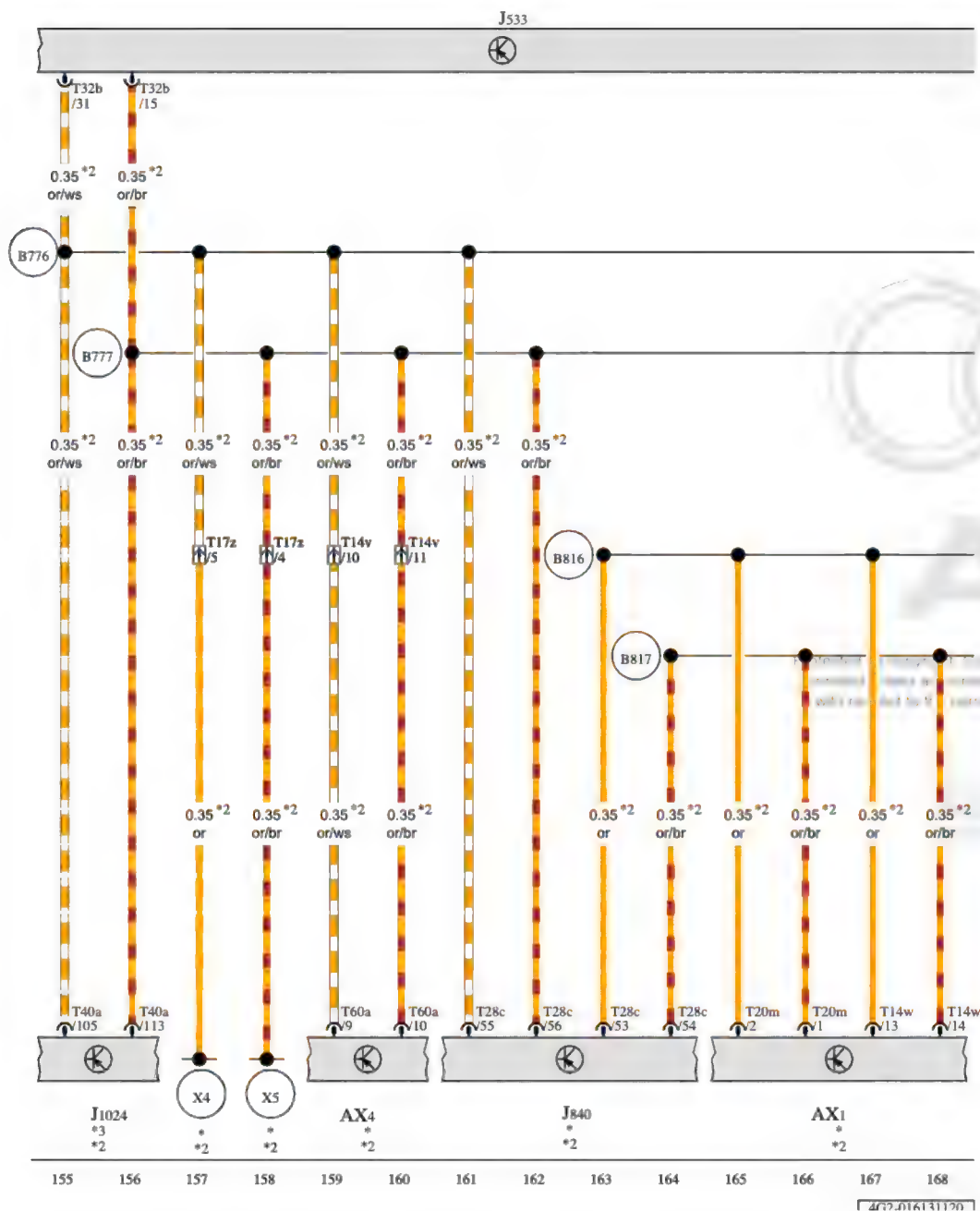
Instrument Cluster CAN Bus Low Wire Junction 2

- J446 Parking Aid Control Module
- J772 Rearview Camera System Control Module
- J928 Peripheral Camera Control Module
- T16i 16-Pin Connector
- T46b 46-Pin Connector
- TV81 Instrument Cluster CAN Bus High Wire Junction 2
- TV84 Instrument Cluster CAN Bus Low Wire Junction 2
- * Through May 2014
- *2 Depending on Equipment
- *3 Through June 2015



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Hybrid Battery Unit, High-Voltage Battery Charger 1, Data Bus on Board Diagnostic Interface, Battery Regulation Control Module

- AX1 Hybrid Battery Unit
- AX4 High-Voltage Battery Charger 1
- J533 Data Bus on Board Diagnostic Interface
- J840 Battery Regulation Control Module
- J1024 Thermal Management Control Module
- T14v 14-Pin Connector, Black
- T14w 14-Pin Connector, Black
- T17z 17-Pin Connector, Left Plenum Chamber E-Box Connector Station, Brown
- T20m 20-Pin Connector, Black
- T28c 28-Pin Connector, Black
- T32b 32-Pin Connector
- T40a 40-Pin Connector, Black
- T60a 60-Pin Connector, Black

B776 Hybrid CAN Bus High Connection 1 (in Main Wiring Harness)

B777 Hybrid CAN Bus Low Connection 1 (in Main Wiring Harness)

B816 Hybrid CAN Bus High Connection 2 (in Main Wiring Harness)

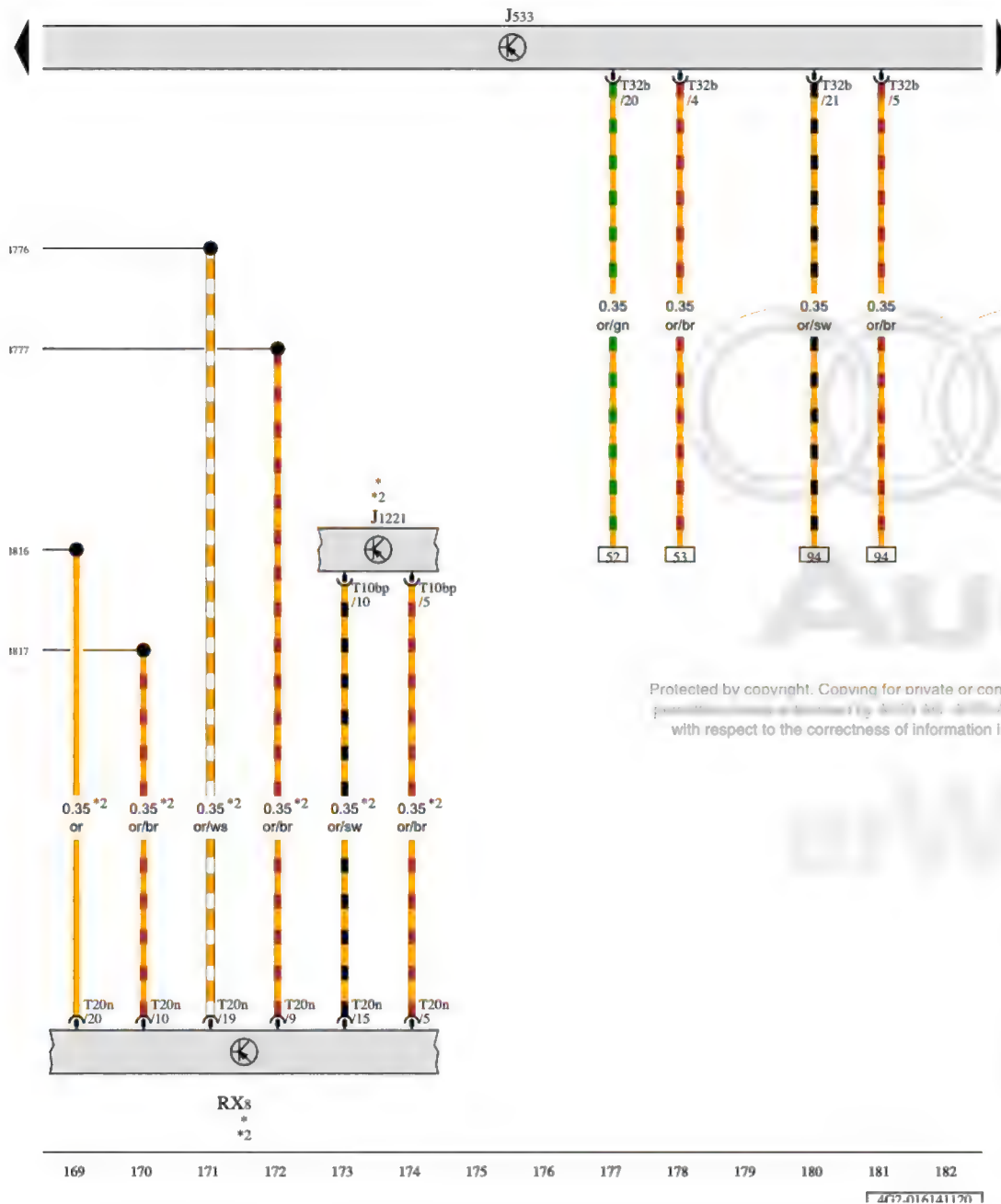
B817 Hybrid CAN Bus Low Connection 2 (in Main Wiring Harness)

X4 CAN Bus Hybrid High Connection 1 (in Engine/Motor Compartment Wiring Harness)

X5 CAN Bus Hybrid Low Connection 1 (in Engine/Motor Compartment Wiring Harness)

- * Refer to Applicable High-Voltage System Wiring Diagram
- *2 From October 2016
- *3 Refer to Applicable Heat Pump Wiring Diagram

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Data Bus on Board Diagnostic Interface, Telematics Interface Control Module, Telephone Interface

J533 Data Bus on Board Diagnostic Interface
 J1221 Telematics Interface Control Module
 RX8 Telephone Interface
 T10bp 10-Pin Connector, Black
 T20n 20-Pin Connector, Brown
 T32b 32-Pin Connector

B776 Hybrid CAN Bus High Connection 1 (in Main Wiring Harness)

B777 Hybrid CAN Bus Low Connection 1 (in Main Wiring Harness)

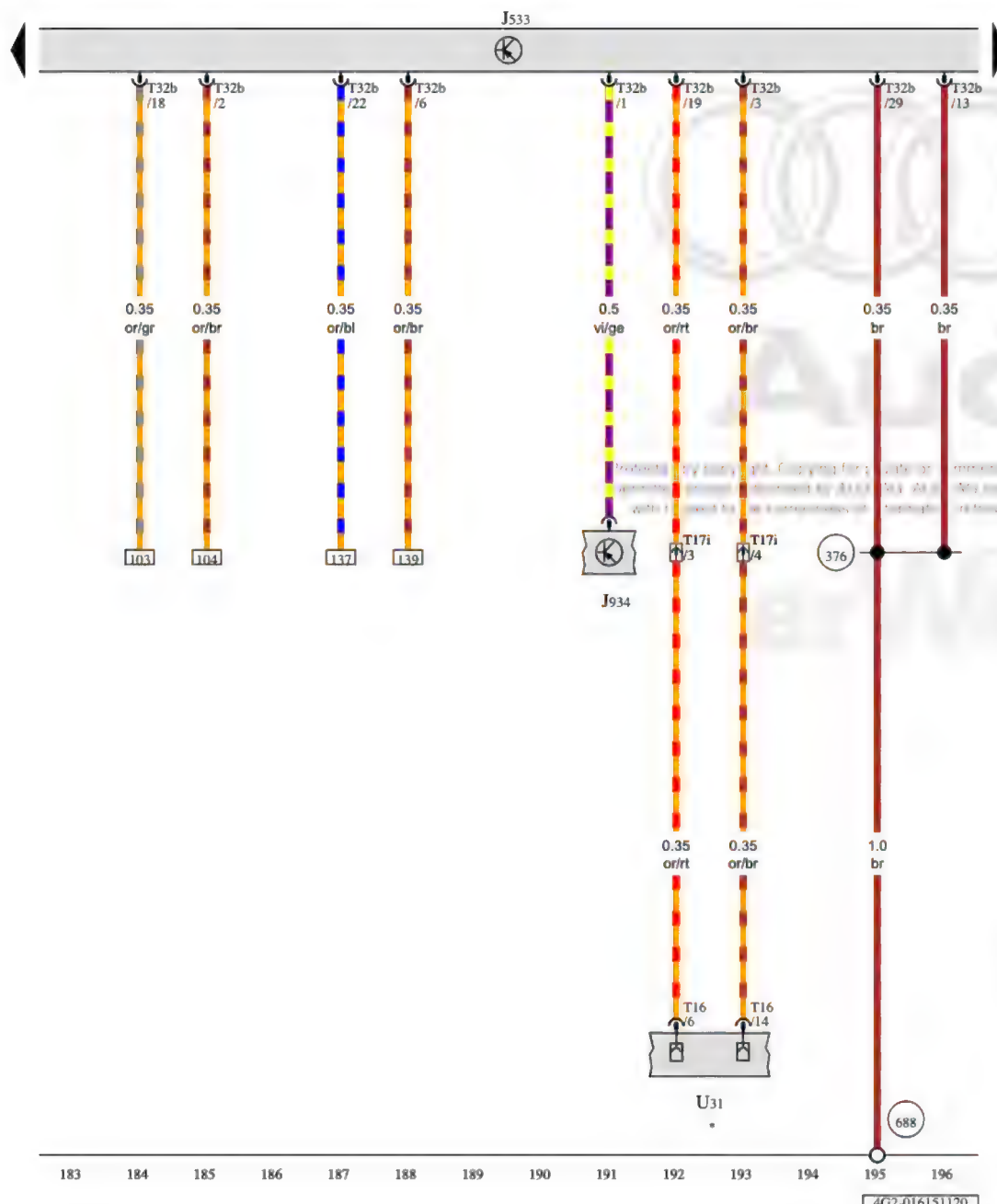
B816 Hybrid CAN Bus High Connection 2 (in Main Wiring Harness)

B817 Hybrid CAN Bus Low Connection 2 (in Main Wiring Harness)

* Refer to Applicable Vehicle Positioning System Wiring Diagram
 *2 From July 2017

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Data Bus on Board Diagnostic Interface

- J533 Data Bus on Board Diagnostic Interface
- J934 Battery Monitoring Control Module 2
- T16 16-Pin Connector
- T17i 17-Pin Connector, Near the A-Pillar
- T32b 32-Pin Connector
- U31 Diagnostic Connection

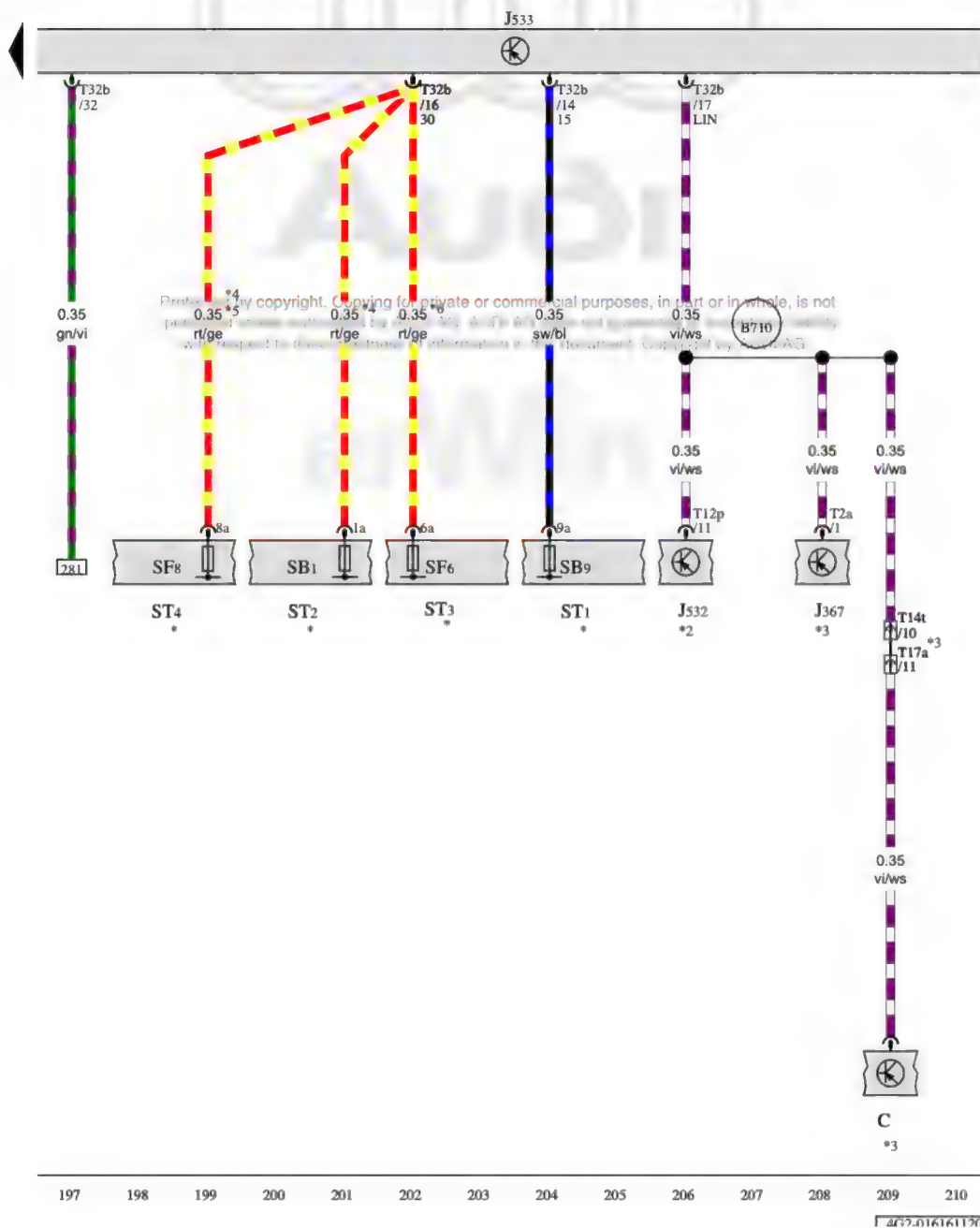
376 Ground Connection 11 (in Main Wiring Harness)

688 Ground Connection 2 on Center Tunnel

* Diagnostic Connector

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Battery Monitoring Control Module, Data Bus on Board Diagnostic Interface



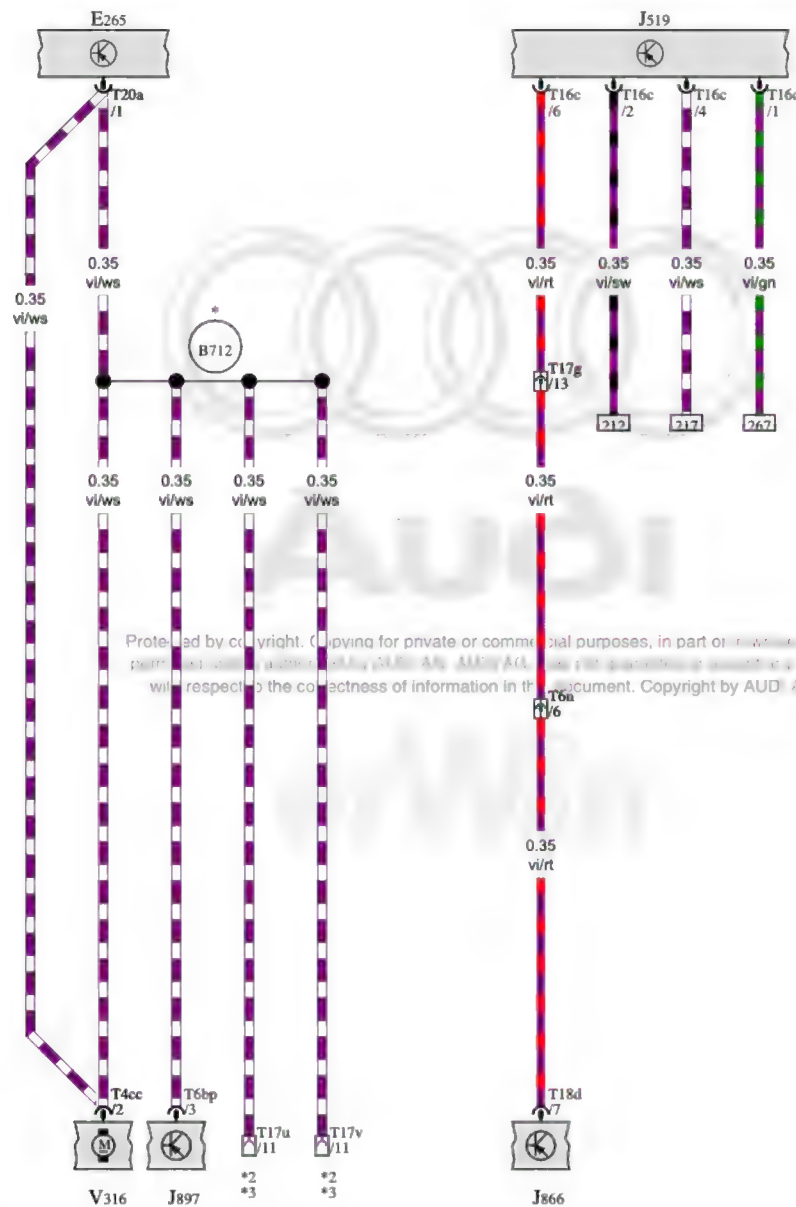
- C Generator
- J367 Battery Monitoring Control Module
- J532 Voltage Stabilizer
- J533 Data Bus on Board Diagnostic Interface
- SB1 Fuse 1 (On Fuse Panel B)
- ST1 Fuse Panel 1
- ST2 Fuse Panel 2
- ST3 Fuse Panel 3
- ST4 Fuse Panel 4
- SF6 Fuse 6 (On Fuse Panel F)
- SF8 Fuse 8 (On Fuse Panel F)
- SB9 Fuse 9 (On Fuse Panel B)
- T2a 2-Pin Connector
- T12p 12-Pin Connector
- T14t 14-Pin Connector
- T17a 17-Pin Connector, Left Plenum Chamber E-Box Connector Station
- T32b 32-Pin Connector
- B710 LIN Bus Connection 5 (in Main Wiring Harness)
- * Refer to Applicable Wiring Diagram for Fuse Positions
- *2 For Vehicles with Stop/Start System
- *3 Refer to Applicable Engine Wiring Diagram
- *4 Left-Hand Drive Vehicles
- *5 From June 2014
- *6 For RHD Vehicles

LIN Bus Connection 7 (in Main Wiring Harness)

- E265 Rear A/C Display Control Head
- J519 Vehicle Electrical System Control Module
- J866 Power Adjustable Steering Column Control Module
- J897 Ionizer Control Module
- T4cc 4-Pin Connector
- T6bp 6-Pin Connector
- T6n 6-Pin Connector, Behind the Steering Column Trim Panel
- T16c 16-Pin Connector
- T17g 17-Pin Connector, Near the A-Pillar
- T17u 17-Pin Connector, Under the Left Rear Seat
- T17v 17-Pin Connector, Under the Right Rear Seat
- T18d 18-Pin Connector
- T20a 20-Pin Connector
- V316 Right Rear Upper Body Vent Adjustment Motor

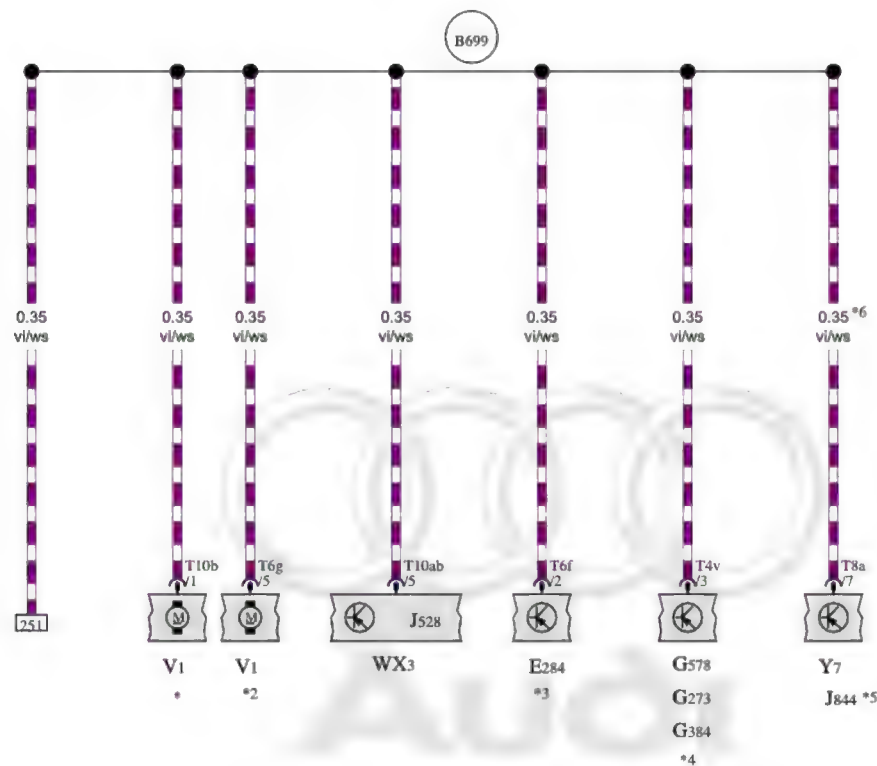
B712 LIN Bus Connection 7 (in Main Wiring Harness)

- * For Vehicles with China Equipment
- *2 For Vehicles with Rear Seat Ventilation
- *3 Refer to Applicable Wiring Diagram



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LIN Bus Connection 4 (in Main Wiring Harness)

- E284 Garage Door Opener Control Head
- G273 Interior Monitoring Sensor
- G384 Vehicle Inclination Sensor
- G578 Anti-Theft Alarm System Sensor
- J528 Roof Electronics Control Module
- J844 Automatic High Beam Assist Control Module
- T4v 4-Pin Connector
- T6f 6-Pin Connector
- T6g 6-Pin Connector
- T8a 8-Pin Connector
- T10ab 10-Pin Connector
- T10b 10-Pin Connector
- V1 Sunroof Motor
- WX3 Front Roof Module
- Y7 Automatic Dimming Interior Rearview Mirror

B699 LIN Bus Connection 4 (in Main Wiring Harness)

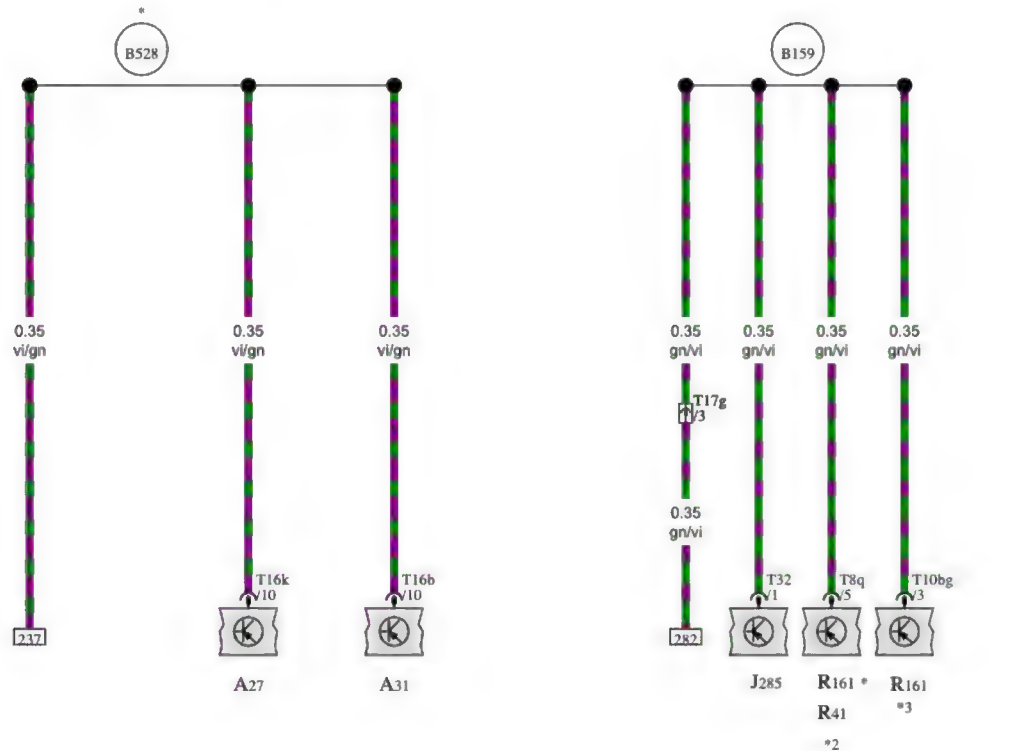
- * Sedan
- *2 Avant
- *3 For Vehicles with Garage Door Opener
- *4 Anti-Theft Alarm System with Interior Monitoring
- *5 For Vehicles with High Beam Assist
- *6 Omitted as a Running Change

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253 254 255 256 257 258 259 260 261 262 263 264 265 266

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Diagnostic Connection (in Interior Wiring Harness), LIN Bus Connection 1 (in Main Wiring Harness)

- A27 Right LED Headlamp Power Output Module 1
- A31 Left LED Headlamp Power Output Module 1
- J285 Instrument Cluster Control Module
- R41 CD Changer
- R161 DVD Changer
- T8q 8-Pin Connector
- T10bg 10-Pin Connector
- T16b 16-Pin Connector
- T16k 16-Pin Connector
- T17g 17-Pin Connector, Near the A-Pillar
- T32 32-Pin Connector

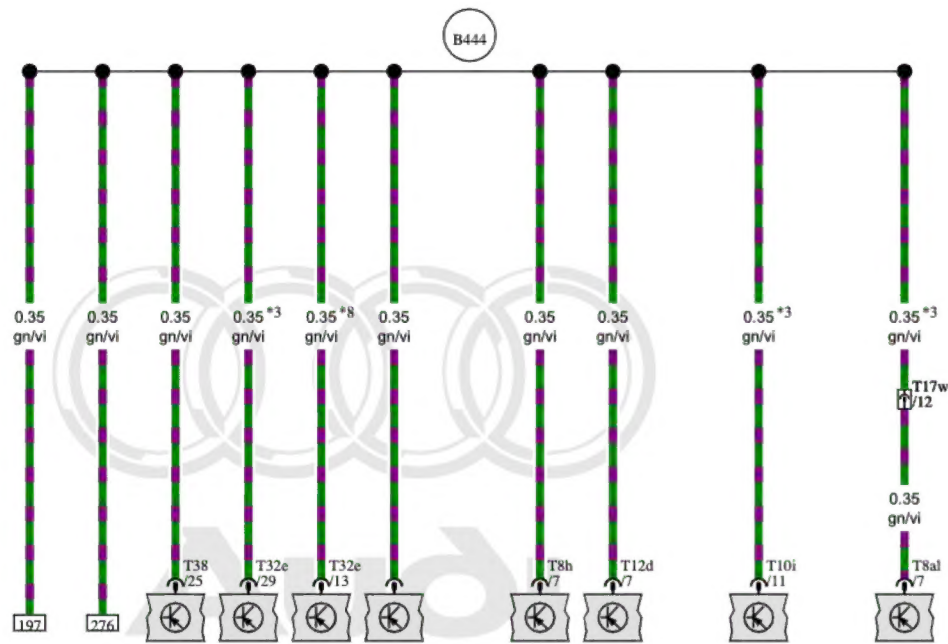
B159 Diagnostic Connection (in Interior Wiring Harness)

B528 LIN Bus Connection 1 (in Main Wiring Harness)

- * Through May 2014
- *2 Depending on Equipment
- *3 From June 2014

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OBD Connection 1 (in Main Wiring Harness)

- | | |
|------|---|
| J525 | Digital Sound System Control Module |
| J794 | Information Electronics Control Module 1 |
| J829 | Information Electronics Control Module 2 |
| R | Radio |
| R78 | TV Tuner |
| R171 | Digital TV Tuner |
| T8a | 8-Pin Connector |
| T8h | 8-Pin Connector |
| T10i | 10-Pin Connector |
| T12d | 12-Pin Connector |
| T17w | 17-Pin Connector, In the Coupling Point for the Rear Center Armrest |
| T32e | 32-Pin Connector |
| T38 | 38-Pin Connector |

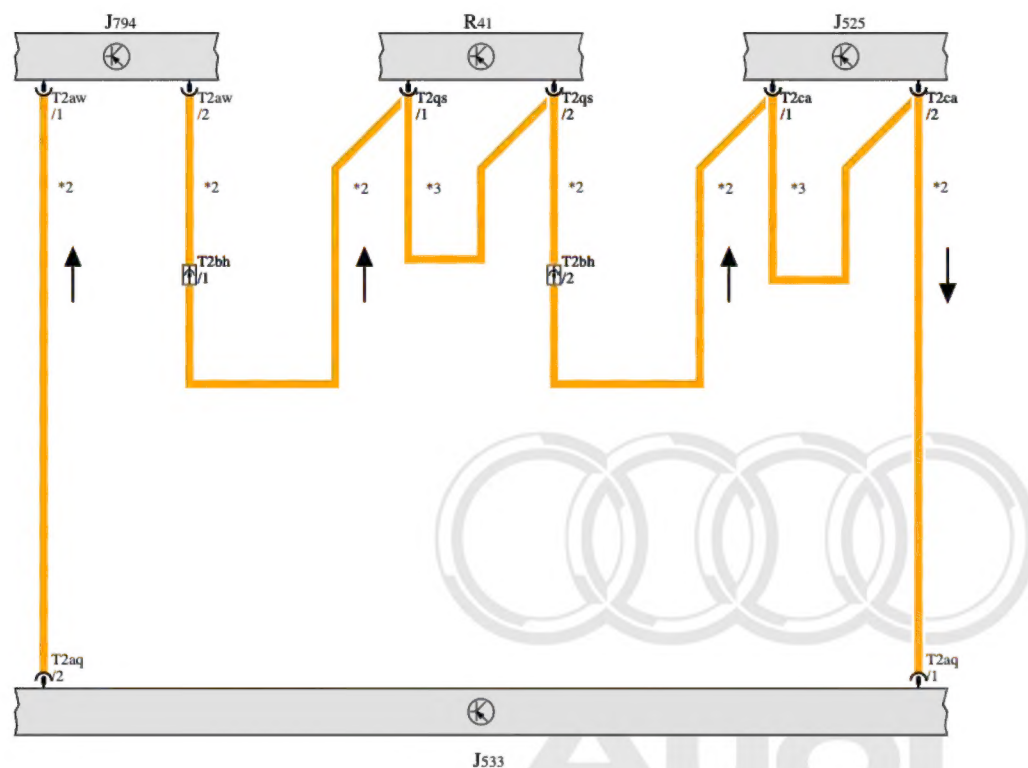
(B444) OBD Connection 1 (in Main Wiring Harness)

- * Depending on Equipment
- *2 Refer to Applicable MMI (Information Electronics) Wiring Diagram
- *3 Through May 2014
- *4 For Vehicles with Rear Seat Entertainment (RSE)
- *5 For Vehicles with Bang & Olufsen Sound System
- *6 For Vehicles with Concert Radio System
- *7 For Vehicles with Bose Sound System
- *8 From June 2014

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Data Bus on Board Diagnostic Interface

- J525 Digital Sound System Control Module
- J533 Data Bus on Board Diagnostic Interface
- J794 Information Electronics Control Module 1
- R41 CD Changer
- T2aq 2-Pin Connector
- T2aw 2-Pin Connector
- T2bh 2-Pin Connector, Relay Panel Under the Instrument Panel, Left
- T2ca 2-Pin Connector
- T2qs 2-Pin Connector
- * Through September 2014
- *2 Fiber Optic Cable
- *3 Depending on Equipment



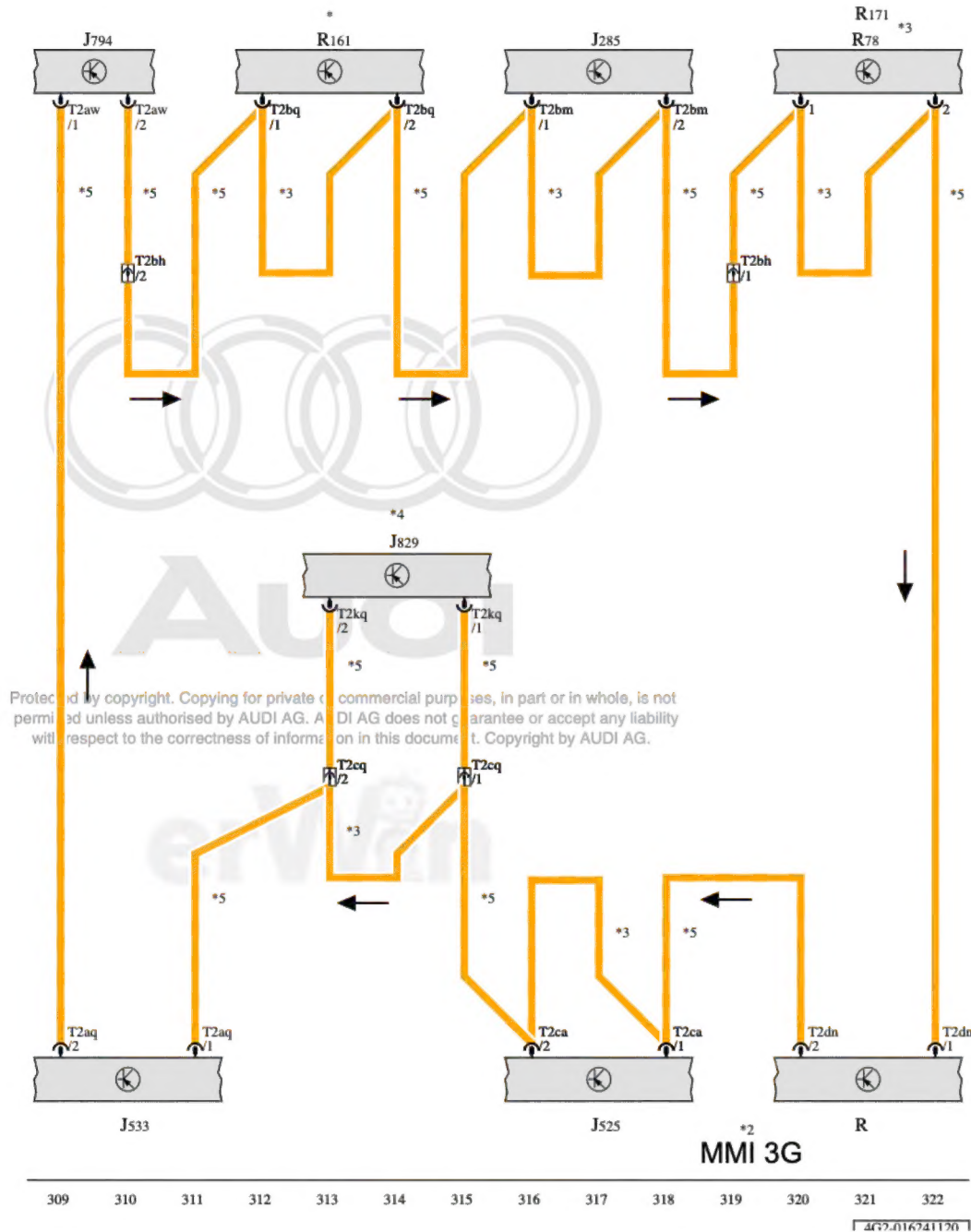
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*
RMC

295 296 297 298 299 300 301 302 303 304 305 306 307 308

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Data Bus on Board Diagnostic Interface

- J285 Instrument Cluster Control Module
- J525 Digital Sound System Control Module
- J533 Data Bus on Board Diagnostic Interface
- J794 Information Electronics Control Module 1
- J829 Information Electronics Control Module 2
- R Radio
- R78 TV Tuner
- R161 DVD Changer
- R171 Digital TV Tuner
- T2aq 2-Pin Connector
- T2aw 2-Pin Connector
- T2bh 2-Pin Connector, Relay Panel Under the Instrument Panel, Left
- T2bm 2-Pin Connector
- T2bq 2-Pin Connector
- T2ca 2-Pin Connector
- T2cq 2-Pin Connector
- T2dn 2-Pin Connector
- T2kq 2-Pin Connector
- * For Vehicles with DVD Player
- *2 Through September 2014
- *3 Depending on Equipment
- *4 For Vehicles with Rear Seat Entertainment (RSE)
- *5 Fiber Optic Cable

Data Bus on Board Diagnostic Interface

- J285 Instrument Cluster Control Module
- J525 Digital Sound System Control Module
- J533 Data Bus on Board Diagnostic Interface
- J794 Information Electronics Control Module 1
- R78 TV Tuner
- R161 DVD Changer
- T2aq 2-Pin Connector
- T2aw 2-Pin Connector
- T2bh 2-Pin Connector, Relay Panel Under the Instrument Panel, Left
- T2bm 2-Pin Connector
- T2bq 2-Pin Connector
- T2ca 2-Pin Connector
- T2lq 2-Pin Connector
- * For Vehicles with DVD Player
- *2 Depending on Equipment
- *3 From September 2014
- *4 For Vehicles with RMC Radio System
- *5 Fiber Optic Cable

